

SUMMARY OF ENGINEERING RECOMMENDATIONS

Wheelock Parkway: Rice Street to Edgerton Street

Report Prepared 1-11-16
Public Hearing 2-17-16

PROJECT

This project is to improve Wheelock Parkway from Rice Street to Edgerton Street.

Improvements to be made as part of the project include constructing new bituminous surfaced streets with concrete curb and gutter, concrete driveway aprons, sidewalks will be added where appropriate, bituminous path and boulevards landscaped with sod and trees. The existing wood pole lights will be replaced with lantern style lights as part of the project. In addition, appropriate sanitary sewer repairs will be made, and storm and sanitary sewer reconnections will be made at the request of property owners.

EXISTING CONDITIONS

Wheelock Parkway was last constructed in 1923. Numerous repairs and overlays have occurred since then.

The current low average Pavement Condition Index (PCI) ranges from 13 to 22 (on a scale of 100).

Wheelock is generally 30' wide in the undivided areas and 18' wide in the divided areas. The area has existing street lights mounted on wood poles. There is no mainline sidewalk in the majority of the project. There is no bituminous path along Wheelock Parkway from Rice to Edgerton.

PROPOSED IMPROVEMENTS

It is proposed to improve Wheelock Parkway with the construction of a new bituminous surface street with concrete curb and gutter, concrete driveway aprons, and boulevards landscaped with sod and trees. Mainline sidewalk will be constructed where appropriate. A bituminous path will be constructed for the length of the project. In addition, appropriate sanitary sewer repairs will be made, and storm sewer and sanitary sewer connections will be made at the request of property owners. Existing water main will be replaced where necessary.

The roadway will be 24' wide in the undivided areas with a 5' concrete sidewalk on each side and a 10' bituminous path in the south boulevard.

The roadway will be 16' wide in the divided areas with a 5' concrete sidewalk on each side and a 10' bituminous path in the center median.

New lantern style street lighting system will be installed. The lights mounted on wood poles will be removed.

As part of this project, special attention will be paid to bringing the existing pedestrian ramps up to current ADA standards and City design standards.

Public art will be included in the project, following the procedures developed for the project. Funding for public art is 1% of eligible project funds, in this case 8-80 Funds, as determined by the Office of Financial Services per the City's Public Art Ordinance.

ALTERNATES

To do nothing would be inconsistent with the City's commitment to improve existing oiled and older paved streets along with bicycle and pedestrian movement.

POSITIVE BENEFITS

General improvement of the public right-of-way will enhance and add quality to the neighborhood. The newly rebuilt roadways will improve drivability of the neighborhood, and continue the City's efforts to improve the street system in Saint Paul. Lantern style lighting will enhance neighborhood safety and esthetics. The addition of sidewalks and bituminous path will improve bicycle and pedestrian movement.

ADVERSE EFFECTS

Normal problems associated with construction such as noise, dust, reduced access to the neighborhood, and general disruption will be present.

EFFECTS ON TREES

Boulevard trees will be impacted by this construction. We will try to keep the impact to trees to a minimum. New trees will be planted where there is sufficient space as part of the boulevard restoration following the City's master tree planting plan.

TIME SCHEDULE

The project will begin in the spring of 2016 and will be completed by the fall of 2016.

COST ESTIMATE

Construction	\$ 9,220,307
Engineering	<u>\$ 2,305,077</u>

PROJECT TOTAL	\$ 11,525,384
----------------------	----------------------

ESTIMATED FINANCING

8 to 80 Funds	\$ 10,025,565
Assessments	\$ <u>1,499,819</u>

PROJECT TOTAL	\$ 11,525,384
----------------------	----------------------

The 2016 assessment rate is expected to be \$109.00 for paving and \$22.00 for street lighting per assessable foot. The rate for paving includes sidewalk infill where and appropriate.

SOURCE OF ADDITIONAL INFORMATION

For additional information, contact Kevin Nelson at 266-6236.

SUMMARY AND RECOMMENDATION

The Department of Public Works feels that this is a necessary and worthwhile project, and the Engineering Recommendation is for approval of the project.

Respectfully submitted,

Kevin Nelson
Public Works

PROJECT MAP

Wheelock Parkway Reconstruction

